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(54) Title: PROCESS FOR THE PREPARATION OF A METAL-ORGANIC COMPOUND COMPRISING AT LEAST ONE IMINE LIGAND

(57) Abstract: A process for the preparation of a metal-organic compound, comprising at least one imine ligand, characterized in that an imine ligand according to formula (1) or the HA adduct thereof, wherein HA represents an acid, of which H represents its proton and A its conjugate base, is contacted with a metal-organic reagent of formula (2) in the presence of at least 1, respectively at least 2 equivalents of a base, with Y=N-R as formula (1), wherein Y is selected from a substituted carbon, or nitrogen atom and R represents a substituent, and with M<sup>V</sup>(L<sub>1</sub>)<sup>k</sup>(L<sub>2</sub>)<sup>l</sup>(L<sub>3</sub>)<sup>m</sup>(L<sub>4</sub>)<sup>n</sup><sup>X</sup> as formula (2), wherein: M represents a group 4 or group 5 metal ion, V represents the valency of the metal ion, being 3, 4 or 5, L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub>, and L<sub>4</sub> represent a ligand or a group 17 halogen atom on M and may be equal or different, X represents a group 17 halogen atom, k, l, m, n = 0, 1, 2, 3, 4 with k+l+m+n+l=V. The invention further relates to a process for the preparation of a polyolefin by making a metal-organic compound according to the process of the invention, wherein the base is an olefin polymerisation compatible base, which metal- organic compound is activated anywhere in, or before a polymerisation reactor.